

TROPICAL STORM MARK (13W)

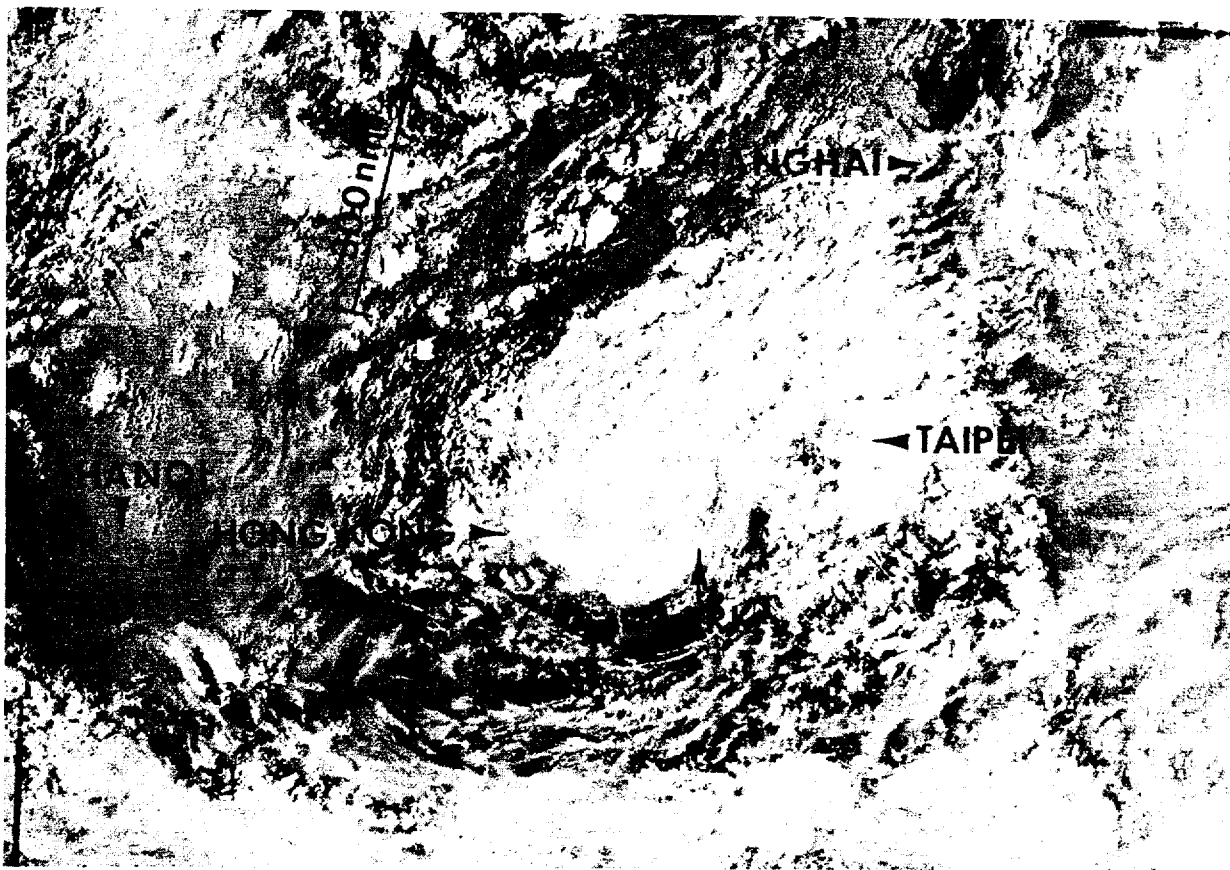


Figure 3-13-1. Mark moves along the southern coast of China (180906Z August DMSP visual imagery).

Mark was part of the three storm outbreak with Kent (11W), Lois (12W), and later, a four storm outbreak when Nina (14W) formed. On 15 August, Mark's genesis in the South China Sea in the monsoon trough coincided with Lois' in the Philippine Sea, as deep low-level southwesterly flow surged eastward across the Philippine Islands. Due to strong vertical shear aloft, the tropical cyclone was slow to intensify, and finally reached a peak intensity of 50 kt (26 m/sec) on 17 August. Mark spent its short lifetime embedded in the monsoon trough and then dissipated over land. The tropical cyclone's passage along the South China coast resulted in at least one death, localized flooding and disruption of transportation.